

# John Arroyo

## Experience

Aug 2009 – Present **Digital Playspace, Inc.** Los Angeles, CA

### Director of Technology

- Manager of [www.digitaldollhouse.com](http://www.digitaldollhouse.com)
- Lead the development of new features including web services and custom modules (Drupal, PHP, MySQL)
- Refactored our code base for increased performance and code clarity
- Integrated Facebook Connect and new sharing features
- Lead our transition to cloud computing

Jul 2008 – Jul 2009 **Remixin, Inc.** Los Angeles, CA

### Director of Technology, Founder

- Application architect and developer for the iterative remix community [www.remixin.com](http://www.remixin.com) (Drupal, PHP, MySQL)
- Community includes features for sharing songs, stems and remixes
- Freelance programmer, clients included Sí TV, [www.sitv.com](http://www.sitv.com) and Campus Buddy, [www.campusbuddy.com](http://www.campusbuddy.com) (Drupal, CakePHP, MySQL)

Sep 2006 – Jun 2008 **Dartmouth College** Hanover, NH

### Graduate Student, Research Assistant, Webmaster

- Fulltime student, studying digital media, DSP & composition
- Research Assistant for collaborative audio and science research
- Managed the web servers and websites for the EA Music department

Jul 2002 – Aug 2006 **Columbia University** New York, NY

### Web Developer (UDAR / LDPD)

- Maintained online giving application for departments to receive financial donations (JAVA, Sybase)
- Maintained and extended the content management system for Alumni Club websites and email lists (JSP, Oracle)
- Designed and implemented an input and update system for multi-institutional and multi-project editing of online library collections
- Developed a suite of Perl scripts and modules to validate and normalize data feeds from large libraries around the country

April 2002 – Jun 2002 **Independent Contractor** New York, NY

### Freelance Web Developer

- Tokyo FM NYC – Created a content management system for content contributors in New York and Tokyo (ASP, SQL Server)

Feb 2001 – Mar 2002 **Juice Software** New York, NY

### Senior Web Developer

- Managed a team of professionals to design and implement an enterprise content management system (Eprise, ASP, SQL Server)
- Architected and built an asset tracking system to maintain software / hardware requests, asset inventory, and auditing (ASP, SQL Server)

- Created a customer application for registration, software updates, partnership inquiries, and downloading our client (ASP, SQL Server)

Jun 2000 – Jan 2001     **Kioken Inc**     Dallas, TX / New York, NY

**Web Architect**

- Developed a dynamic website to compliment an existing flash site for the hip-hop portal Hookt, www.hookt.com (ColdFusion, Oracle)
- Developed a publishing system for Eminem’s Slim Shady World (Macromedia’s Flash Generator, ASP, SQL Server)
- Developed an online expense report application (ASP, SQL Server)

Jun 1999 - Jun 2000     **Sapient Corporation**     Dallas, TX

**Engineer**

- Integrated a secure Customer Relationship Management (CRM) system for American Airlines (Silknet, ASP/COM, SQL Server)
- Co-Developed the administrator module of the Offering Marketplace which was an initial public offering (IPO) application provided by FBR Capital Markets (ASP/COM, Oracle)

**Education**

2006 – 2008     **Dartmouth College**     Hanover, NH  
M.A., Electro-Acoustic Music

2003 – 2006     **Columbia University**     New York, NY  
M.S., Electrical Engineering (Concentration in Media Engineering)

1994 – 1999     **Carnegie Mellon University**     Pittsburgh, PA  
B.S., Electrical and Computer Engineering with a Fine Art minor

**Skills**

**Compiled Languages:** C/C++, JAVA, Objective C, C#, ActionScript

**Scripting Languages:** PHP, SQL, VBScript, Perl, JavaScript / jQuery

**Server Technologies:** Apache, Tomcat, .Net

**Frameworks and APIs:** Drupal, CakePHP, Struts, Facebook API, WordPress

**Databases:** MySQL, Oracle, MS SQL Server, DB2

**Software:** Dreamweaver, Photoshop, Fireworks, Flex, Illustrator, MS Office, Matlab, Final Cut, Ableton Live, Pro Tools, Logic Pro, Peak, Max/MSP, Pd

**Organizations**

Dartmouth Alumni in Entertainment and Media – VP, Digital Communications

**Past Academic Activities**

LabROSA – Researcher in Music Information Retrieval (MIR)  
Music Engineering Art Projects (MEAP) – Charter Member and Collaborator  
Audio Engineering Society – Columbia Chapter Vice President  
WRCT Pittsburgh – Radio DJ  
Electronic Media Organization – Co-Founder, Vice President